

Table 13B

Table of Exceedances for Soil Samples  
Delineation Investigation  
Non-Residential Direct Contact Soil Remediation Standard

Site 16 Remedial Investigation Report  
PPG Industries, Inc.  
Jersey City, New Jersey

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	NRDC SRS	NUMBER OF EXCEEDENCES DETECTION/NON- DETECTION	016_J019			
			016_J019_0.0 20121220 0	016_J019_5.0 20121220 5	016_J019_10.0 20121220 10	016_J019_15.0 20121220 15
<b>METALS (MG/KG)</b>						
ANTIMONY	450	0/0	0.4 U	0.43 U	0.45 U	1.6
CHROMIUM	NC	NA	15.6	198	55.4	68.3
NICKEL	23000	0/0	9.7	7.6	6.8	42.3
THALLIUM	79	0/0	0.19 U	0.21 U	0.21 U	0.34 U
VANADIUM	1100	0/0	12.7	19	13.3	39.7
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>						
HEXAVALENT CHROMIUM	NC	NA	0.82 U	0.87 U	0.91 U	1.4 U
<b>MISCELLANEOUS PARAMETERS (MV)</b>						
OXIDATION REDUCTION POTENTIAL	NC	NA	465	449	435	328
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>						
PH	NC	NA	8.6	8.39	8.51	8.56

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**DETECTION EXCEEDS NRDC SRS**

NON-DETECTION EXCEEDS NRDC SRS

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		016_K013a_0.0_20130114 20130114 0	016_K013a_5.0_20130114 20130114 5	016_K013a_10.0_20130114 20130114 10	016_K013a_15.5_20130114 20130114 15.5	016_K013a_19.5_20130114 20130114 19.5	016_K013a_24.0_20130114 20130114 24
<b>METALS (MG/KG)</b>							
ANTIMONY	450	0.55 J	0.43 U	0.39 U	0.42 U	0.51 U	0.68 U
CHROMIUM	NC	3240 J	341 J	403 J	71.9 J	26.5 J	10.9 J
NICKEL	23000	273 J	6.6 J	15.2 J	10 J	21 J	11.1 J
THALLIUM	79	0.21 U	0.2 U	0.19 U	0.2 U	0.24 U	0.32 U
VANADIUM	1100	391 J	8.1 J	22.8 J	11.6 J	28.3 J	15.2 J
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>							
HEXAVALENT CHROMIUM	NC	0.59 U	0.6 U	1.6 J	0.61 U	0.77 U	0.95 U
<b>MISCELLANEOUS PARAMETERS (MV)</b>							
OXIDATION REDUCTION POTENTIAL	NC	392	455	411	415	416	346
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>							
PH	NC	10.2	9.1	9.52	8.97	8.41	7.55

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		016_L013_0.0_20130114 20130114 0	016_L013_5.0_20130114 20130114 5	016_L013_10.0_20130114 20130114 10	016_L013_10.0_20130114- 20130114 10	016_L013_15.5_20130114 20130114 15.5	016_L013_20.0_20130114 20130114 20	016_L013_24.0_20130114 20130114 24
<b>METALS (MG/KG)</b>								
ANTIMONY	450	0.42 U	0.39 U	0.41 U	0.42 U	0.41 U	0.53 U	0.61 U
CHROMIUM	NC	21 J	67.8 J	51.4 J	45.7 J	9.8 J	23.2 J	9.8 J
NICKEL	23000	12.4 J	8.3 J	8 J	8.1 J	10.7 J	17.3 J	8.7 J
THALLIUM	79	0.2 U	0.18 U	0.2 U	0.2 U	0.2 U	0.25 U	0.29 U
VANADIUM	1100	13.4 J	9.7 J	8.5 J	8.4 J	11 J	22.7 J	14.7 J
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>								
HEXAVALENT CHROMIUM	NC	0.57 U	1.2 J	0.58 U	0.56 U	0.56 U	0.74 U	0.82 U
<b>MISCELLANEOUS PARAMETERS (MV)</b>								
OXIDATION REDUCTION POTENTIAL	NC	392	402	402	463	436	425	403
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>								
PH	NC	8.41	8.93	8.39	8.91	8.55	8.43	7.65

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		016_G020_0.0 20130115	016_G020_5.0 20130115	016_L020_0.0 20130115	016_L020_0.5 20130115	016_L020_1.0 20130115	016_L020_5.0 20130115	016_L020_10.0 20130115	016_L020_15.0 20130115	016_L020_19.0 20130115	016_J020_0.0 20130115	016_J020_3.5 20130115
		0	5	0	0.5	1	5	10	15	19	0	3.5
<b>METALS (MG/KG)</b>												
ANTIMONY	450	0.77	0.37 U	0.39 U	0.63	0.37 U	0.44 U	0.49 U	0.42 U	0.46 U	0.37 U	2.1
CHROMIUM	NC	39	30.7	60.8	579	22.9	16.1	17.6	50	11.1	18.1	926
NICKEL	23000	28.4	26.1	23.3	47.9	11.1	8.6	17.1	9.3	12.2	13.8	87.8
THALLIUM	79	0.18 U	0.48	0.18 U	0.19 U	0.18 U	0.21 U	0.23 U	0.2 U	0.22 U	0.17 U	0.18 U
VANADIUM	1100	33.6	67.8	30.9	67.6	16.5	7.4	18.7	7.9	12.7	12.3	97
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>												
HEXAVALENT CHROMIUM	NC	0.57 U	0.55 U	0.5 U	1.7 J	0.53 U	0.6 U	0.68 U	0.58 U	0.66 U	0.55 U	5.4
<b>MISCELLANEOUS PARAMETERS (MV)</b>												
OXIDATION REDUCTION POTENTIAL	NC	449	449	398	436	443	481	334	453	362	406	426
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>												
PH	NC	9.04	8.63	9.33	8.23	8.54	8.97	7.85	9.01	8.02	8.86	8.35

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